

siegling
belting

FOOD





CLEAN, EFFICIENT AND ALWAYS **ONE STEP AHEAD**

The food industry's a fast-paced environment. As material flow and intralogistics experts we monitor the market carefully and liaise closely with OEMs and end customers.

Today's challenges and requirements shape the direction our research and development takes. The results are practical product innovations that help our customers to gain a competitive edge.

Which is why Forbo Siegling guarantees consistent support of your HACCP concept and production processes. We also provide comprehensive services and advice the world over. And you can rest assured that our products and services will meet the demands of tomorrow's world too.

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HYGIENE FROM START TO FINISH

SUPERIOR RELIABILITY

IN ALL PROCESSES

With our in-depth experience of processes in all areas of the food industry, Forbo Siegling provides conveyor and processing belts, appropriate accessories and the skills to match.

We focus on flawless hygiene and top productivity – so that you can produce food reliably, safely and competitively.



Confectionery production

Forbo Siegling belts are ideal for all sorts of confectionery production – from chocolate to chewing gum. Their special characteristics support all sorts of process such as mixing, cooling, weighing, metal detecting and packaging.

Some of the products we offer include:

- belts with excellent release characteristics
- belts suitable for knife edges and ones with patterns
- belts with superior thermal conductivity and large open areas for cooling lines
- belts with exceptional resistance to oil and grease



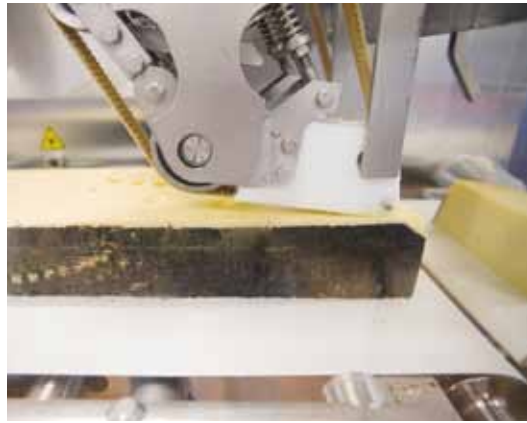


Processing meat, poultry and seafood

From slaughtering to packaging, Forbo Siegling belts are excellent choices when it comes to productivity and food safety.

Some of the products we offer include:

- special HACCP belts with exceptional release characteristics and top resistance to hydrolysis
- incision-proof belts that are easy to clean
- blue belts for fast checking processes that don't strain eyes
- belts with fray-free edges, belt edge sealing and homogeneous belt bodies
- belts with different patterns for inclined conveying without extra profiles
- belts for deep freezing sections (cooling towers)



Dairy industry

In all processes in the dairy industry, from coagulating the milk to portioning, filling and packaging the finished products, Forbo Siegling's belts tick all the boxes when it's a question of hygiene and reliable production.

Some of the products we offer include:

- special HACCP belts with very good release characteristics and top resistance to hydrolysis
- incision-proof belts that are easy to clean
- special troughable belts for coagulation
- belts with fray-free edges, belt edge sealing and homogeneous belt bodies



Dough processing

Conveyor and processing belts handle virtually all processing phases in today's baked goods industry. In the production of baked goods, Forbo Siegling belts reliably ensure efficient processes and a high standard of food safety.

Some of the products we offer include:

- special HACCP belts with very good release characteristics and top resistance to hydrolysis
- blue belts for fast checking processes that don't strain eyes
- belts with fray-free edges, belt edge sealing
- elastic belts with homogeneous belt bodies (spreading belts)
- belts for deep freezing sections (cooling towers)
- belts suitable for knife edges and ones with patterns



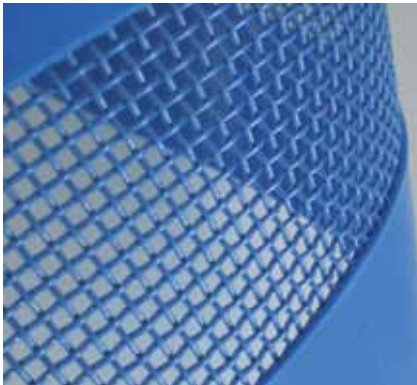


Agricultural industry

Processing of fruit and vegetables involves a diverse range of processes. To achieve high-quality results, it's vital that produce is conveyed quickly and gently. Forbo Siegling belts treat products carefully, are fast and therefore cut production times.

Some of the products we offer include:

- belts with good resistance to fruit acids that are therefore long-lasting
- belts with profiles and side walls
- belts with large open areas for washing and drying
- very hard-wearing belts for use in abrasive environments



Packaging

Forbo Siegling ensures effective and dependable packaging processes thanks to a wide range of belts. Therefore, you can exploit your quality and productivity potential to the full. We can offer:

- check-weigher belts of equal thicknesses and exceptionally precise splices that make endless belts superfluous
- elastic belts for use in packaging machinery (buffer conveyors) with homogeneous structures and easy to clean surfaces
- light-permeable belts for vision-supported robot systems (pick & place)
- temperature-resistant belts for use in shrinking tunnels
- FDA- and EU-compliant folder gluers for making cardboard boxes
- round belts



For more information about round belts, folder-gluer belts and machine tapes visit www.forbo-siegling.com or take a look at these brochures:

No.	Title
227	Siegling Mesh belts – product range
229	Siegling Transilon round belts – product range
284	Siegling Extremultus folder and carrier belts
275	Siegling Extremultus machine tapes
251	Siegling Extremultus Grip Star™ – flat belts that don't let go





siegling transilon
conveyor and processing belts

SIEGLING TRANSILON

... are multi-layer, fabric-based or homogeneous belts for a wide range of conveying and processing jobs. They are true all-rounders or special belts for special applications throughout all segments of the food industry.



In terms of feedstock and migration figures, all HACCP types comply with the most important provisions and regulations (see symbols on the left). In the food segment, the majority of the Siegling Transilon PU- and PVC-types are certified as complying with Halal regulations by IFRC Asia (a member of the World Halal Council).

The properties

The advantages

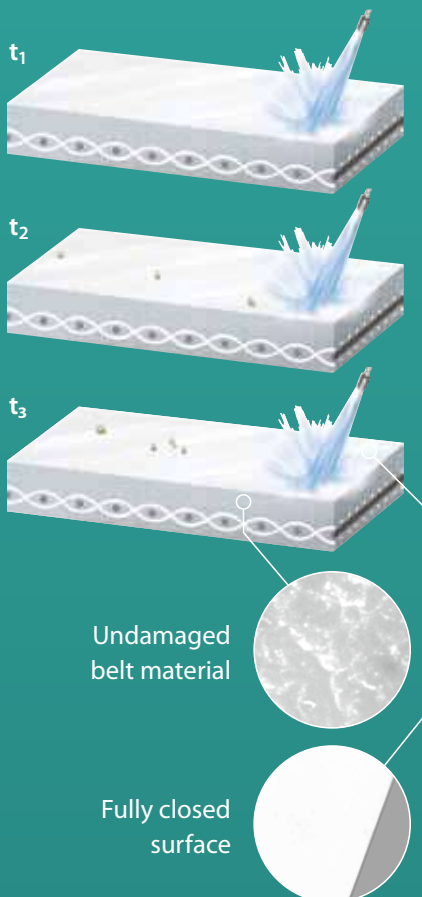
compliant with EU- and/or FDA, MHLW- or Halal regulations (depending on type)	▶ types are suitable for direct contact with food
material that's easy/ flexible to process	▶ customized design (e.g. surfaces, profiles, sidewalls...)
tension members specific to application	▶ rigid or flexible depending on application
dimensionally stable	▶ can be used even when humidity and temperature fluctuate
lightweight and not very thick overall	▶ low energy consumption, very small drum diameters possible
low elongation	▶ short take-up ranges possible
closed surfaces	▶ superior cleaning and product release capabilities



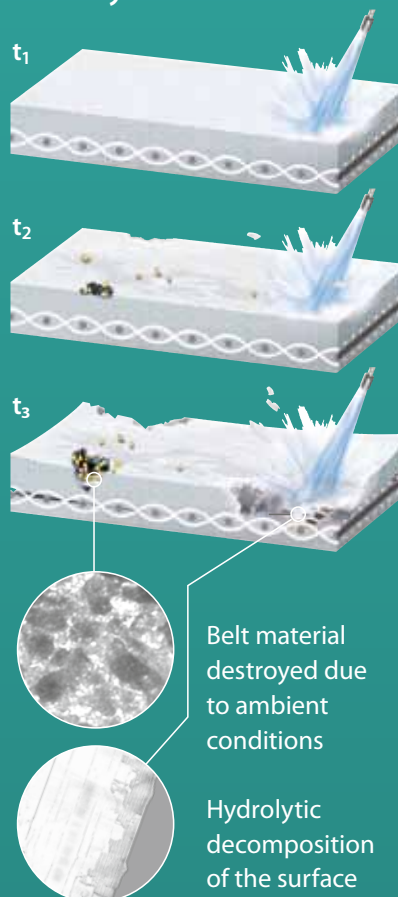
HOW **SIEGLING TRANSILON** BENEFITS YOUR HACCP CONCEPT

We'll support your HACCP concept reliably in all hygiene-critical areas and in line with legal requirements. Our food range, particularly the special HACCP types, comes with a whole host of product characteristics and designs. These elements eradicate any potential safety risks in the manufacturing process.

Siegling Transilon HACCP belt



Standard conveyor belt



Siegling Transilon HACCP belt in comparison with a standard conveyor belt.

Influence of bacterial growth and hot water cleaning cycles on the condition of the belt or the way it functions depending on time [t].

Outstanding release properties

Due to their excellent release properties, all HACCP types are a huge advantage when processing adhesive foodstuffs. Forbo Siegling also has belts with special finishes for conveying products with a tendency to stick. They feature superb release properties, particularly in the case of sticky products like dough, caramel, or other confectionery and are easy to clean.